

ZyXEL P-872H

VDSL Modem with 4-port Switch

Quick Start Guide

Version 3.50

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Edition 2

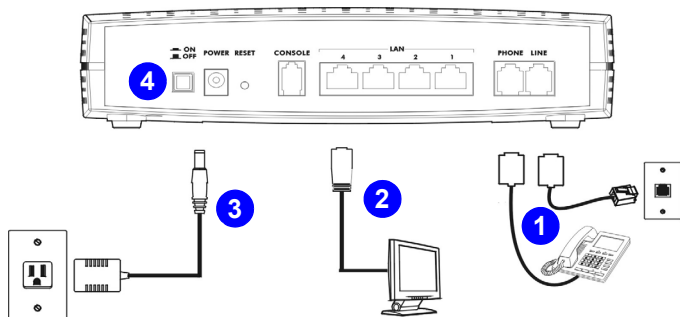


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Overview

The P-872H (“the Prestige”) is a VDSL modem that provides super high-speed Internet access through a telephone line. The Prestige supports high-bandwidth applications such as video streaming, movies on demand, on-line gaming, video and Voice over IP (VoIP). The Prestige has a built-in switch that allows you to connect up to four network devices.

1 Hardware Connections



1 DSL and Phone Connection

Use a telephone wire to connect the Prestige **LINE** port to the telephone jack or wall outlet.

Use another telephone wire to connect the Prestige **PHONE** port to your telephone.

2 LAN Connection

Use an Ethernet cable to connect any Prestige **LAN** port (1 - 4) to the computer.

Use Ethernet cables to connect other Prestige **LAN** ports to computers too, if you have more computers.

3 POWER Connection

Use the included power adaptor to connect the Prestige **POWER** socket to an appropriate power source. (See the User's Guide for power adaptor specifications by region).

4 POWER Button

After you've made these connections, push in the power button.

2 Checking the Connections

When you turn on the Prestige,

- The **PWR** light turns on if the power is okay.
- The **ALM** light is off normally, and it turns on if there is a hardware error. The **ALM** light also blinks once if the VDSL connection is dropped (for any reason).
- The **VDSL** light blinks slowly while it is waiting for a VDSL connection, and it turns on when the VDSL connection is established. The light blinks quickly when it is transmitting or receiving.
- The **LAN** lights turn on if the corresponding LAN ports are properly connected to computers, and they blink when the corresponding LAN port is transmitting or receiving.

If the **PWR**, **VDSL**, and **LAN** lights are on, you have set up the Prestige correctly. Test your Internet connection by visiting www.zyxel.com (or another Web site).

If the lights behave differently or if you cannot connect to the web site, see Troubleshooting.

Troubleshooting

PROBLEM	CORRECTIVE ACTION
The PWR light is not on when I turn on the Prestige.	<p>You might be using the wrong power adaptor. Use the included power adaptor only. Refer to the power specifications.</p> <p>If you are using the correct power adaptor, disconnect and re-connect the power adaptor, and turn on the Prestige again.</p> <p>If the PWR light is still not on, use a different power outlet.</p> <p>If the problem continues, contact your local vendor.</p>
The ALM light is on.	The ALM light blinks once if the VDSL connection is dropped. If the ALM light stays on, however, contact your local vendor.

PROBLEM	CORRECTIVE ACTION
The PWR light is on, and the ALM light is off--but the VDSL light is blinking slowly.	<p>Check the connection from the LINE port to the telephone jack or wall outlet.</p> <p>Connect the LINE port to a different telephone jack or wall outlet.</p> <p>If the problem continues, contact your DSL service provider.</p>
The PWR light is on and the ALM light is off--but the LAN light(s) is also off.	<p>LAN lights are off if you have not connected a computer to that LAN port.</p> <p>Check the Ethernet connection between the Prestige LAN port and computer.</p> <p>If the connection is secure, inspect the Ethernet cable for damage.</p> <p>If the Ethernet cable does not appear to be damaged, check the length of the cable. Ethernet cables must be less than 100 meters.</p>
I cannot connect to the Internet.	<p>There might be a problem with your VDSL settings or phone line. Contact your Internet Service Provider (ISP) and/or telephone company.</p>

Safety Warnings



For your safety, be sure to read and follow all warning notices and instructions.

- Do NOT use this product near water, for example, in a wet basement or near a swimming pool.
- Do NOT expose your device to dampness, dust or corrosive liquids.
- Do NOT store things on the device.
- Do NOT install, use, or service this device during a thunderstorm. There is a remote risk of electric shock from lightning.
- Connect ONLY suitable accessories to the device.
- ONLY qualified service personnel should service or disassemble this device.
- Make sure to connect the cables to the correct ports.
- Place connecting cables carefully so that no one will step on them or stumble over them.
- Always disconnect all cables from this device before servicing or disassembling.

- Use **ONLY** an appropriate power adaptor or cord for your device. Connect it to the right supply voltage (for example, 110V AC in North America or 230V AC in Europe).
- Do **NOT** allow anything to rest on the power adaptor or cord and do **NOT** place the product where anyone can walk on the power adaptor or cord.
- Do **NOT** use the device if the power adaptor or cord is damaged as it might cause electrocution.
- If the power adaptor or cord is damaged, remove it from the device and the power source.
- Do **NOT** attempt to repair the power adaptor or cord. Contact your local vendor to order a new one.
- Do not use the device outside, and make sure all the connections are indoors. There is a remote risk of electric shock from lightning.
- Do **NOT** obstruct the device ventilation slots, as insufficient airflow may harm your device.
- To reduce the risk of fire, use only No. 26AGW or larger telecommunication lines coed.
- If you wall mount your device, make sure that no electrical lines, gas or water pipes will be damaged.

This product is recyclable. Dispose of it properly.



Certifications and Selected Specifications

VDSL band plan: ANSI plan 998; certifications: CISPR 22, EMI results